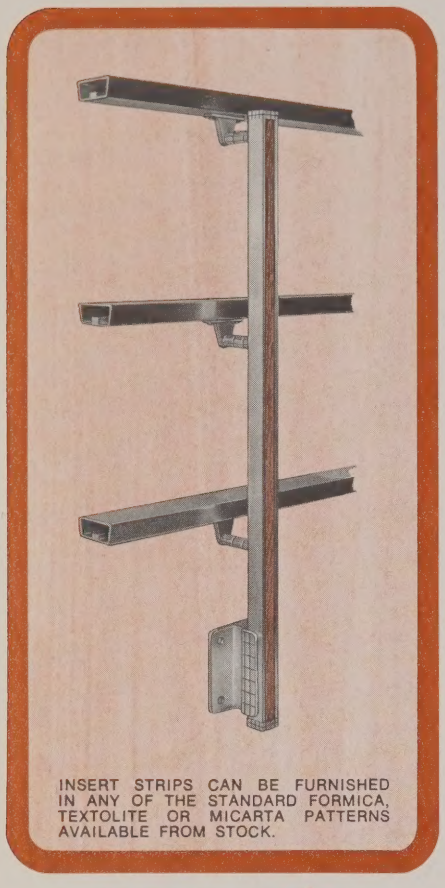
econo-rail®

CATALOG E70

ECONO - RAIL

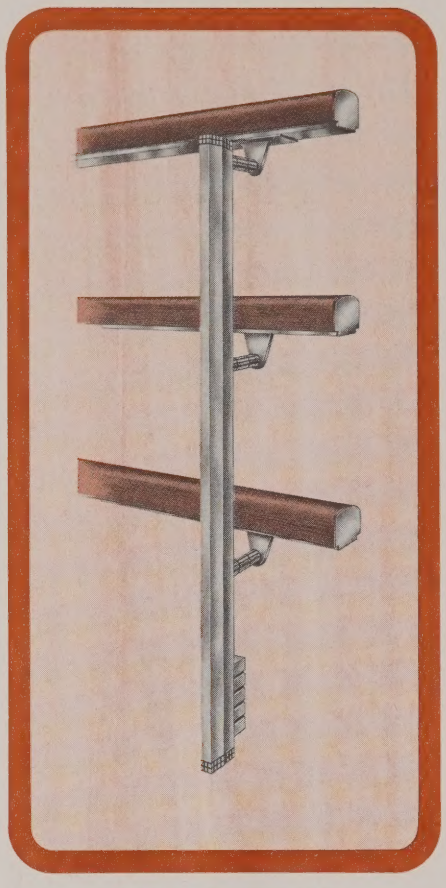
NEWMAN BROTHERS INC.
CENTER HILL AVE., CINCINNATI, OHIO 45216



INSERT STRIPS CAN BE FURNISHED IN ANY OF THE STANDARD FORMICA, TEXTOLITE OR MICARTA PATTERNS AVAILABLE FROM STOCK.

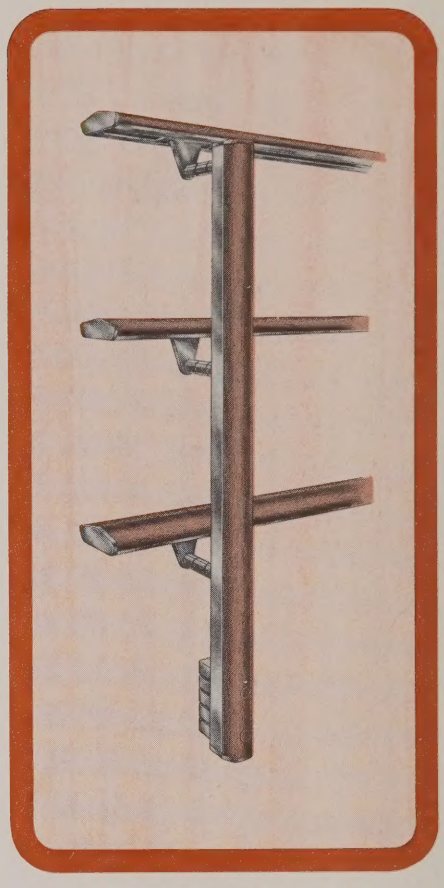
POST 120

Laminated plastic strips front and back enables matching posts with any interior design. From "wood grained" to "marble" and from "ebony" to "fire engine red" allows complete freedom in choosing just the right color and pattern.



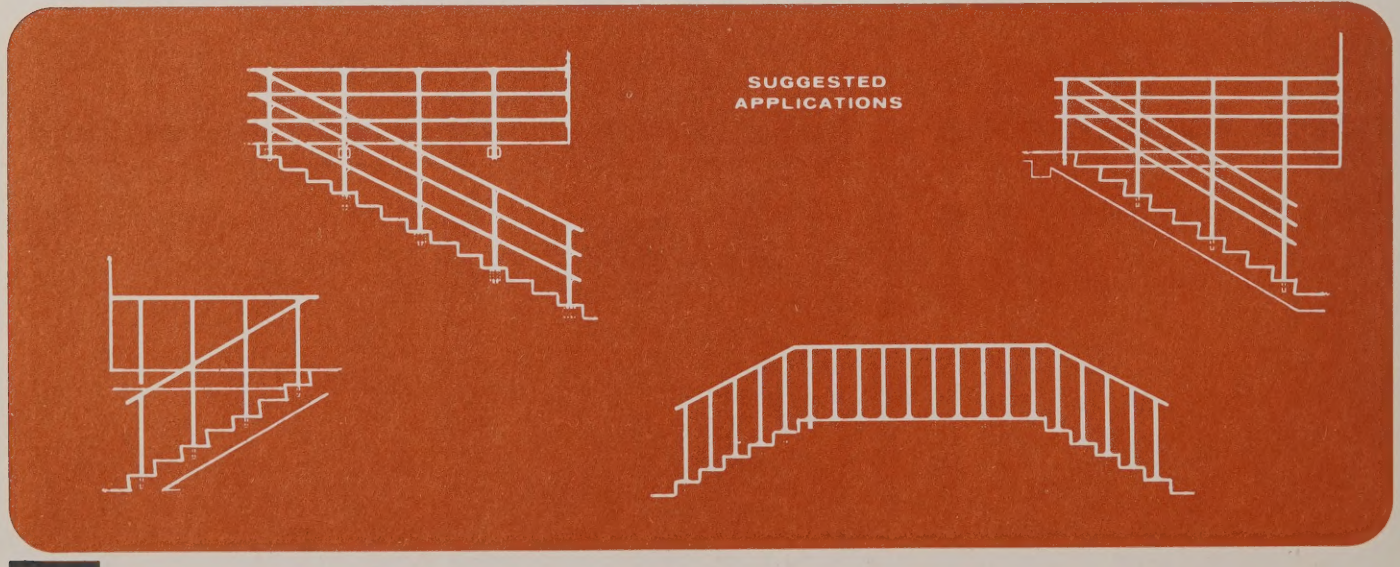
POST 21

For exterior installations (with all aluminum handrails) or for interior installations with aluma-wood handrails.

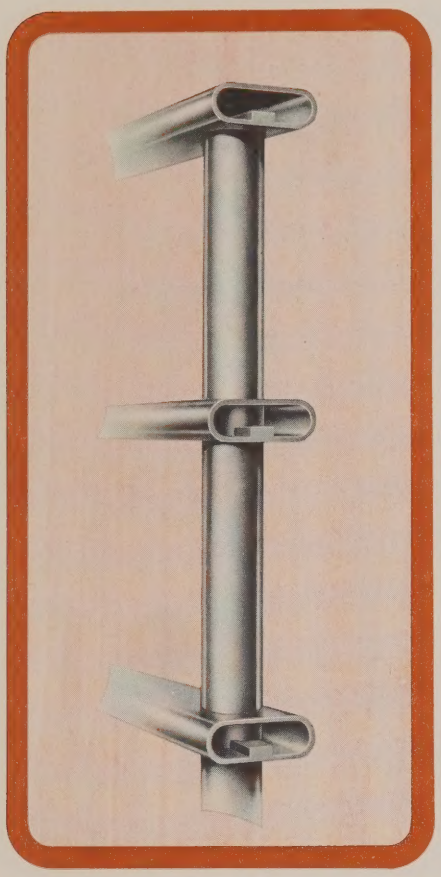


POST 120-W

For interior installations — a sturdy post combining light, medium or dark hardwood with satin-finished aluminum.

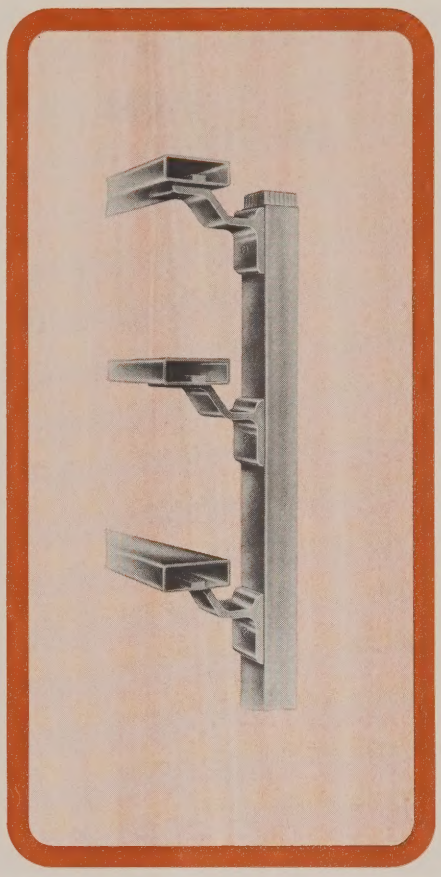


NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216



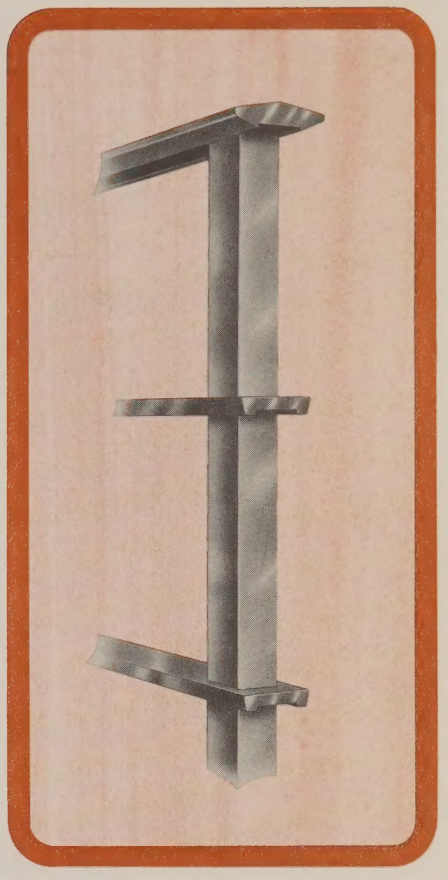
POST 20-17-15

Post 20, post 17, or post 15 employs Newman patented double-wall construction. Note how the inner post is one piece, heavy ⅛″ wall tubing with the outer post sections acting as separators. No welding at post-rail intersections is necessary. Post 20 — 2″ O.D., Post 17 — 1¾″ O.D., Post 15 — 1½″ O.D.



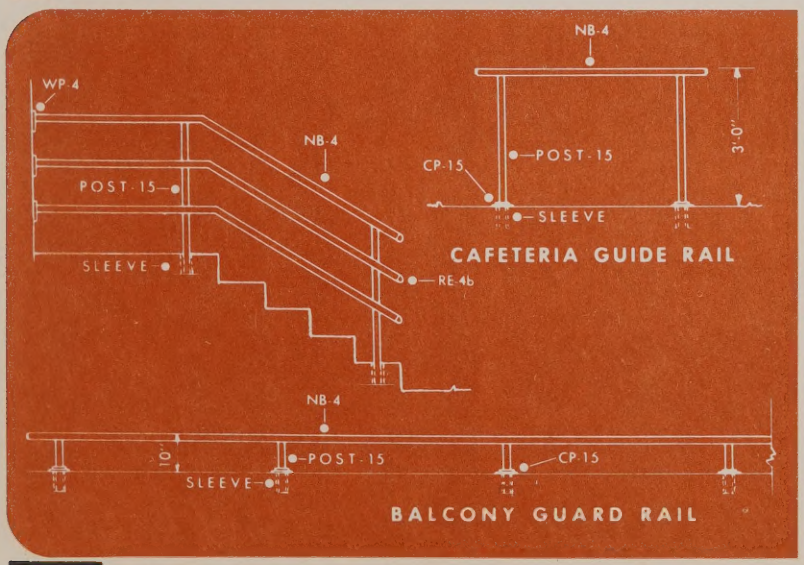
POST 25

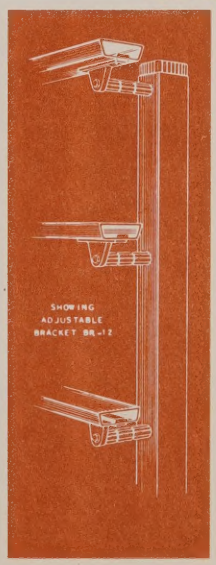
An exceptionally sturdy post 2″ square with minimum wall thickness of 3/16″, plus an additional 3/16″ reinforcing on two sides. This extra thickness allows maximum threads for holding the ⅜″ bracket-bolts.

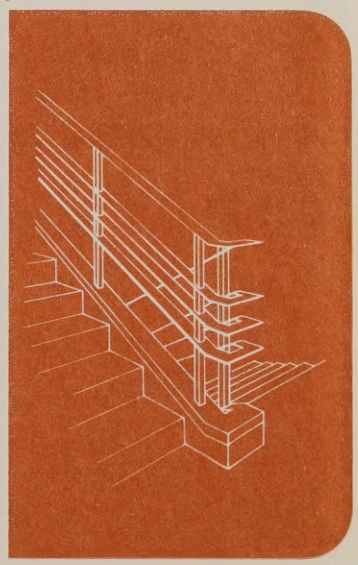


POST 12

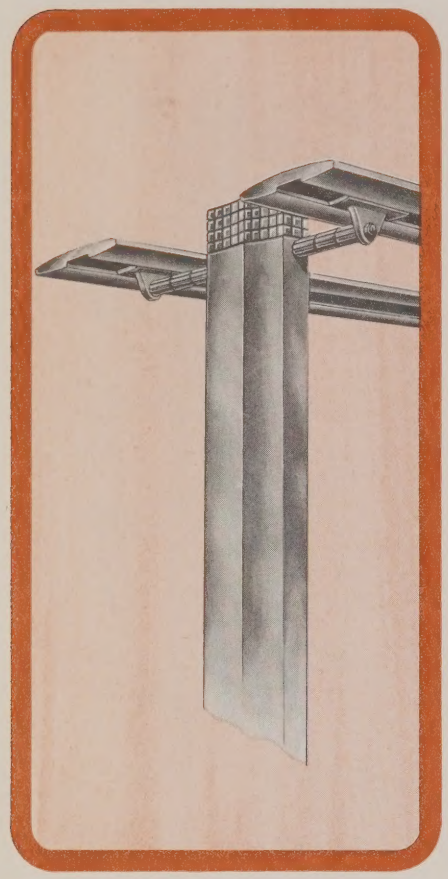
Post #12 utilizes Newman patented double-wall construction. The inner post is a one piece solid 1″ round rod with 1¼″ square (⅛″ wall) outer post sections. Note how the square outer post sections fit into the recess under the handrail sections to prevent turning. No welding at postrail intersections is necessary.





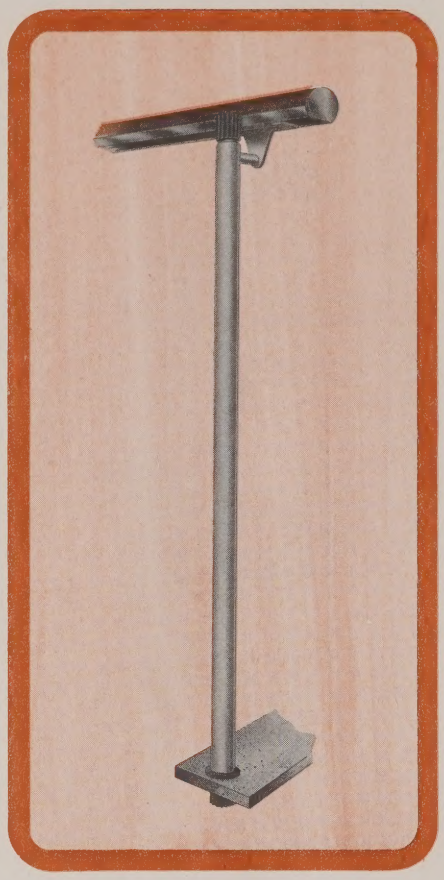


NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216



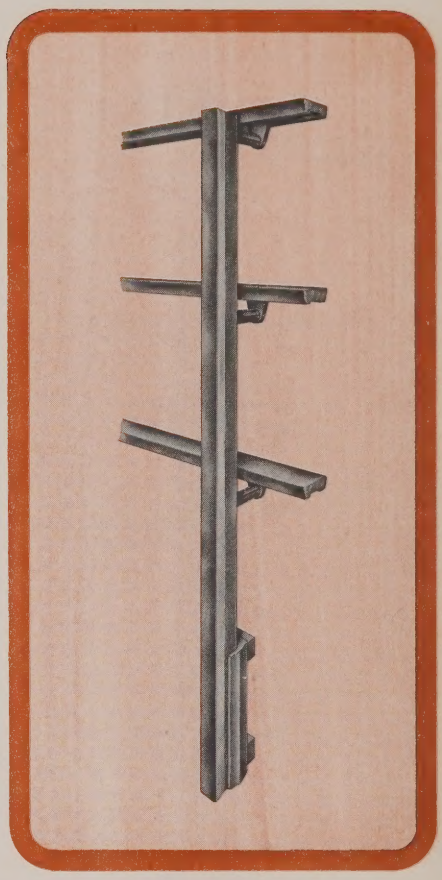
POST 31

Post #31 is a solid aluminum extrusion used in conjunction with a double-top rail, down the center of wide steps. The length of the BR-12 brackets can be varied to give a center to center handrail dimension of 8″ to 12″.



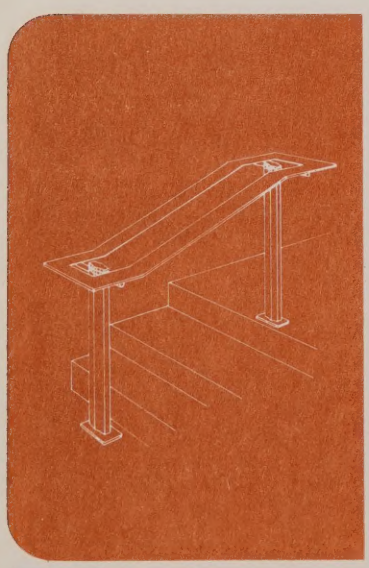
POST 114

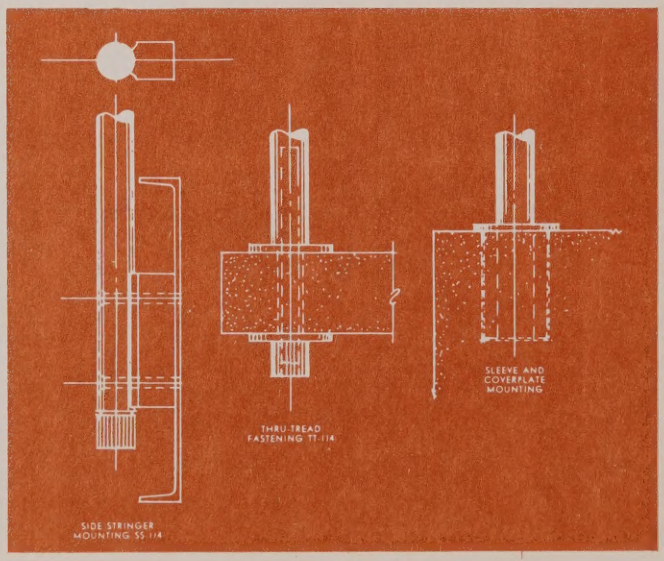
Post #114 is a solid (1¼″ Dia.) graceful post which can be spaced as closely as 8″ O.C. and still leave a feeling of "openness". Thru-tread fastening TT-114 is ideal for pre-cast or pan type stair treads.

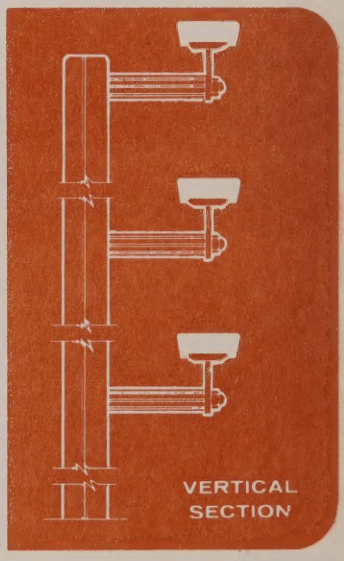


POST 33

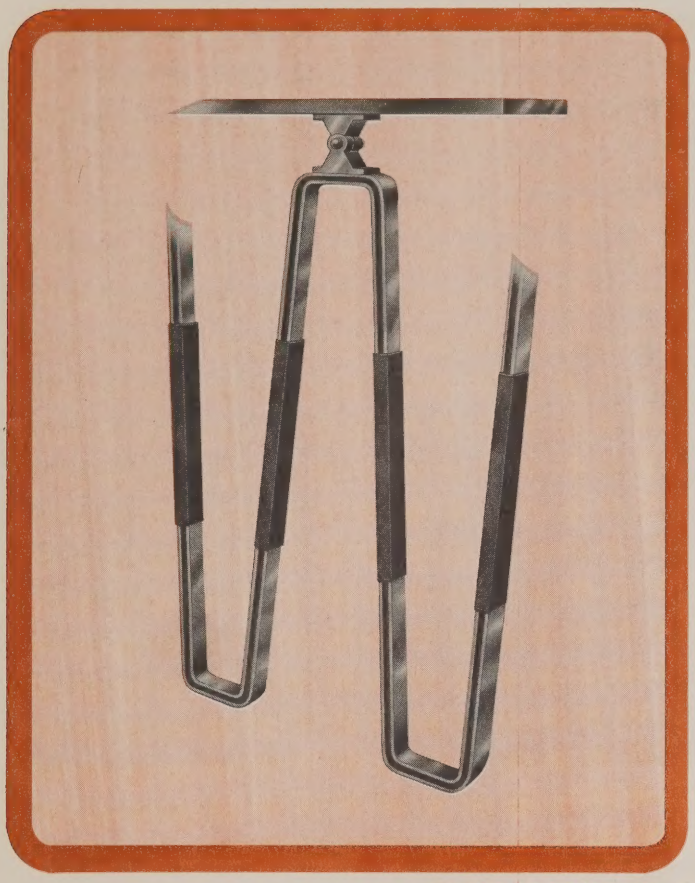
Post #33 is a solid one-piece extrusion with an hour-glass shape. Distinctively different from the ordinary round or square post, yet costs no more.

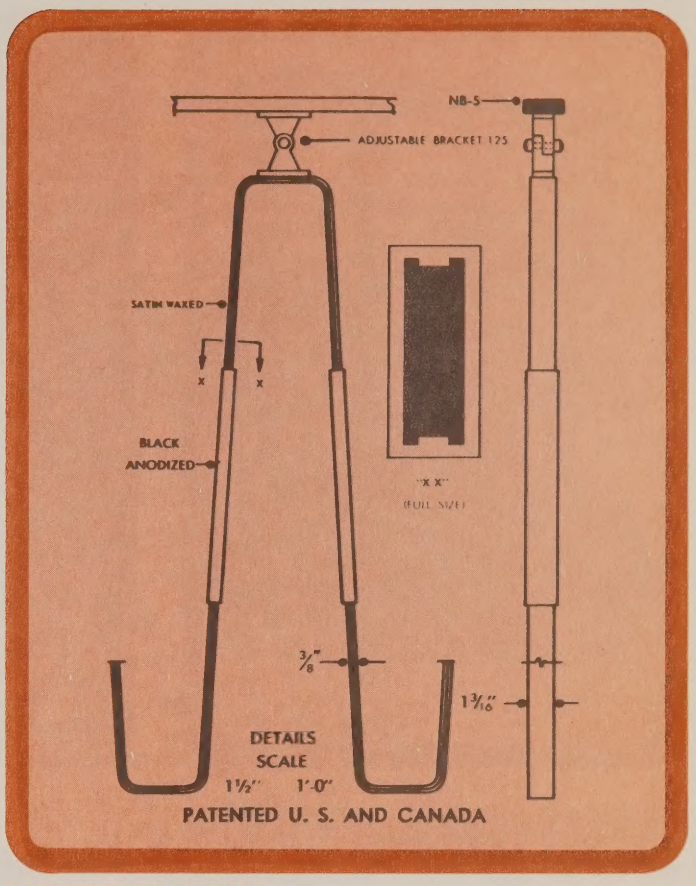






NB NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

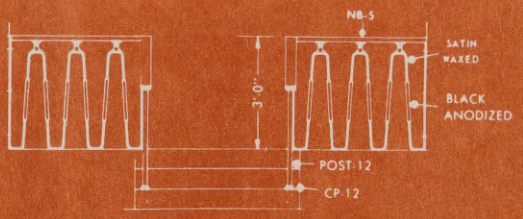


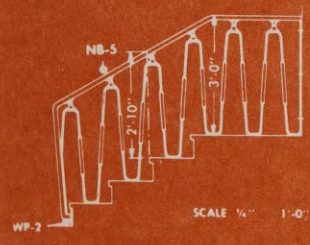


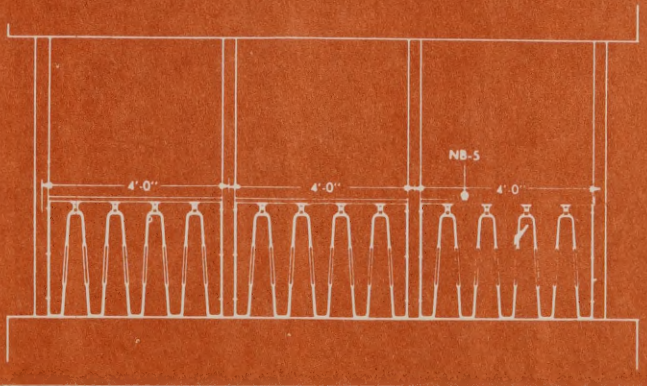
RIBBON BALUSTER 125

Here is a unique (Patented) and different type of balustrade heretofore only available as custom made. Our large stock of ribbon-baluster components enables us to produce this attractive railing at a much lower cost. Ribbon-Balustrade as well as other Econo-Rails are only sold as completely fabricated and factory-finished units. We do not sell parts to other fabricators.

SUGGESTED APPLICATIONS

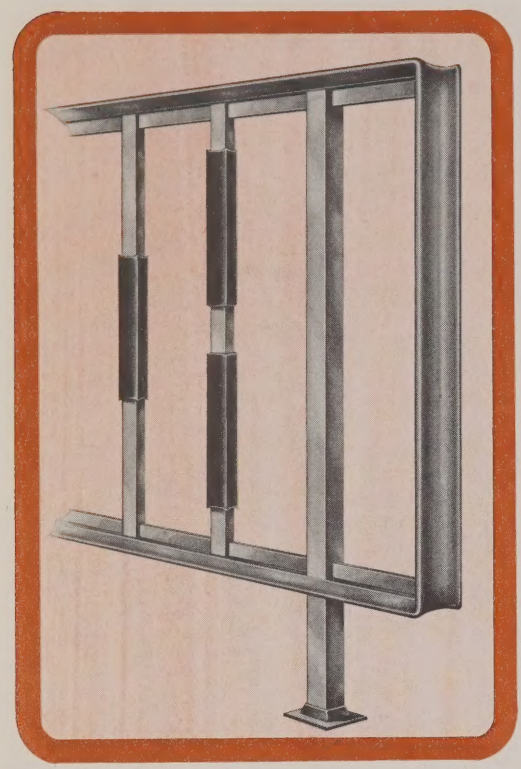


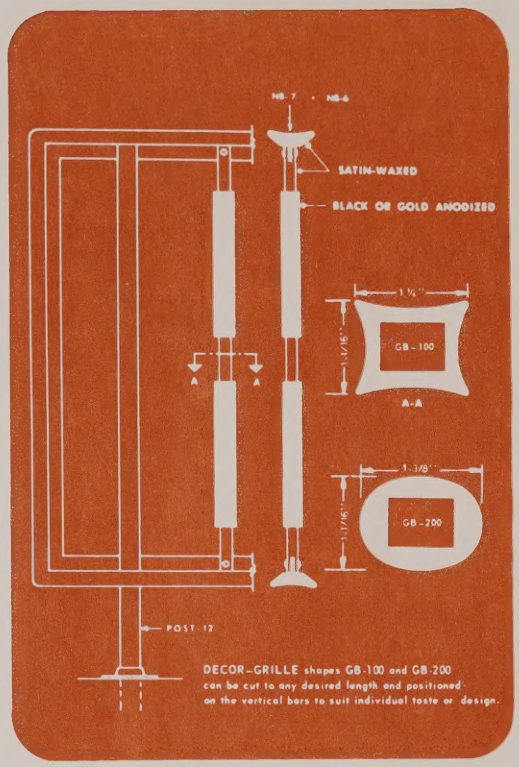


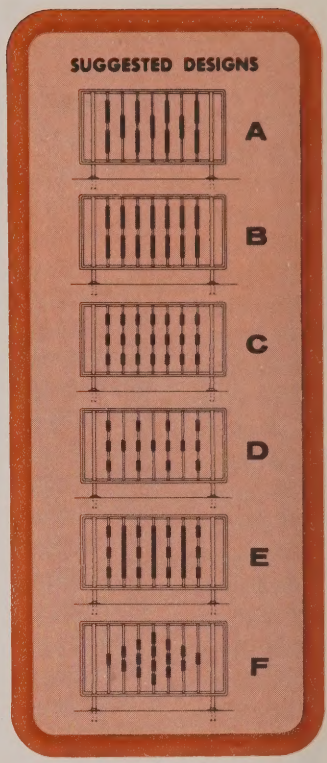


NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

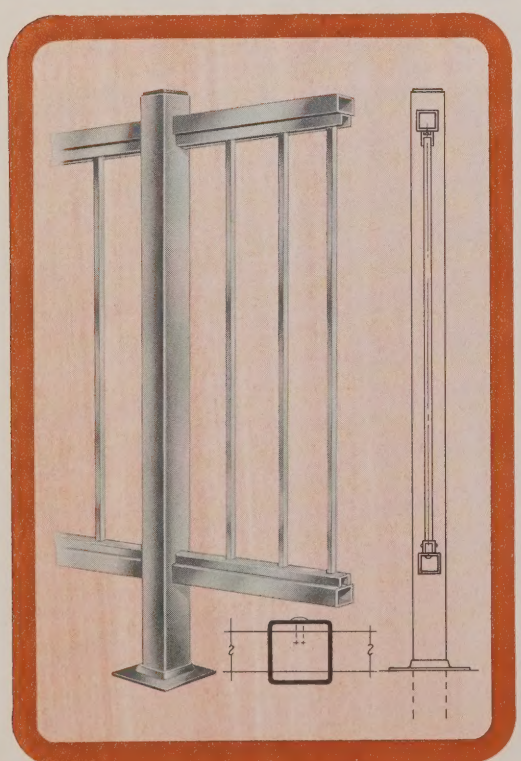
decor-rail®

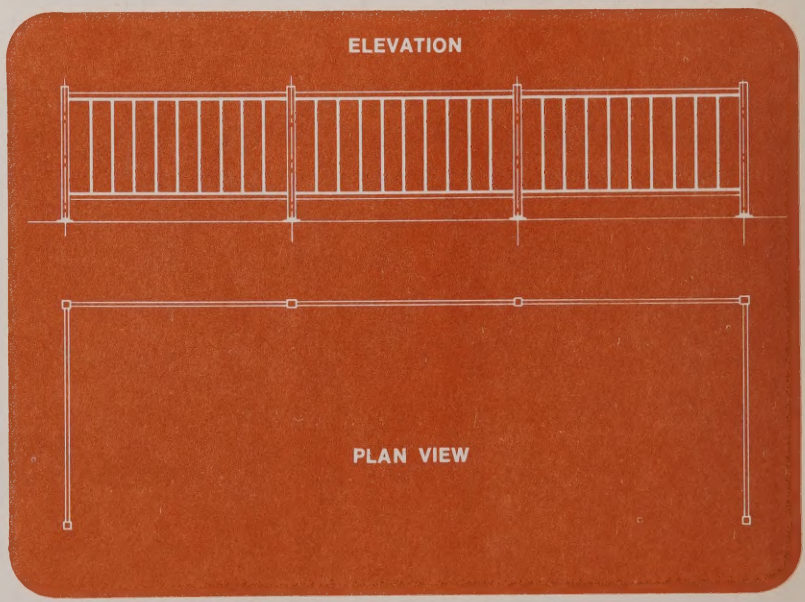



SATIN-WAXED
BLACK OR GOLD ANODIZED
GB-100
A-A
GB-200
POST-12
DECOR-GRILLE shapes GB-100 and GB-200 can be cut to any desired length and positioned on the vertical bars to suit individual taste or design.



budget-rail



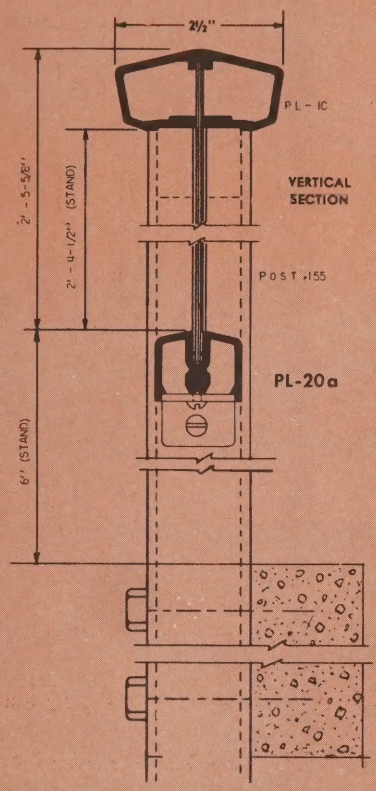


BUDGET-RAIL is particularly suitable for traffic guide rails in lobbys and concourses of public buildings, as well as for balconies and terraces. Lowest cost, all aluminum anodized railing available.

BUDGET-RAIL is specially designed for simple LEVEL runs and right angle turns ONLY. BUDGET-RAIL is NOT made for stairs or for turns other than 90°.

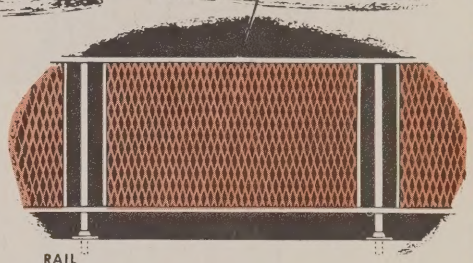
NB NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

panl-rail®



NEW — LOW COST . . . for balconies for terraces, for observation decks, for guard rails. You no longer have to resort to using iron rails because large quantities prohibits the use of aluminum.

PANEL-RAILS are a unique combination of special aluminum extrusions and extra heavy steel panels which are epoxy-vinyl coated and guaranteed for a minimum of 5 years against fading, peeling, chipping!



PANL-RAIL
STANDARD SPECIFICATIONS

PANEL

MATERIAL • #9 or #10 ga. flattened expanded steel sheet.

COATING • Epoxy stabilized vinyl in one of eight standard colors.

RAIL

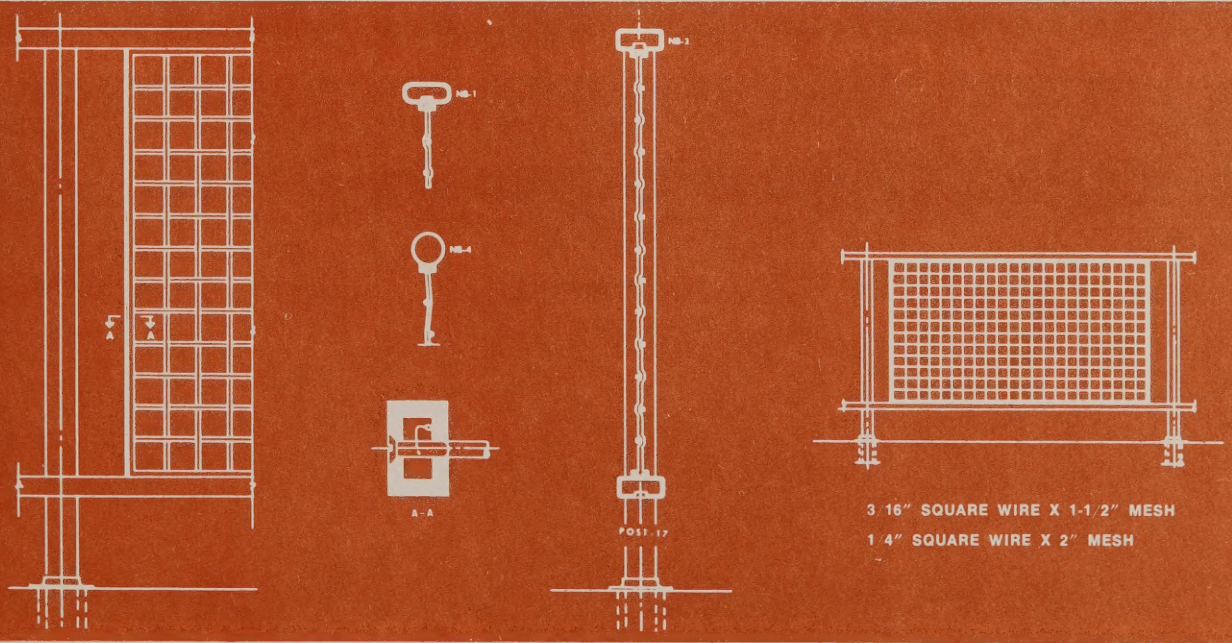
POST • 1½" square .125 wall thickness
HANDRAILS • 2½" x 1⅛" special extrusions
ALLOY • 6063-T5 aluminum
FINISH • Satin anodized
FASTENERS • 300 Series stainless steel.

MOUNTING

Sleeve and cover plate or side surface mounting.

econo-mesh panels

SQUARE ALUMINUM WIRE

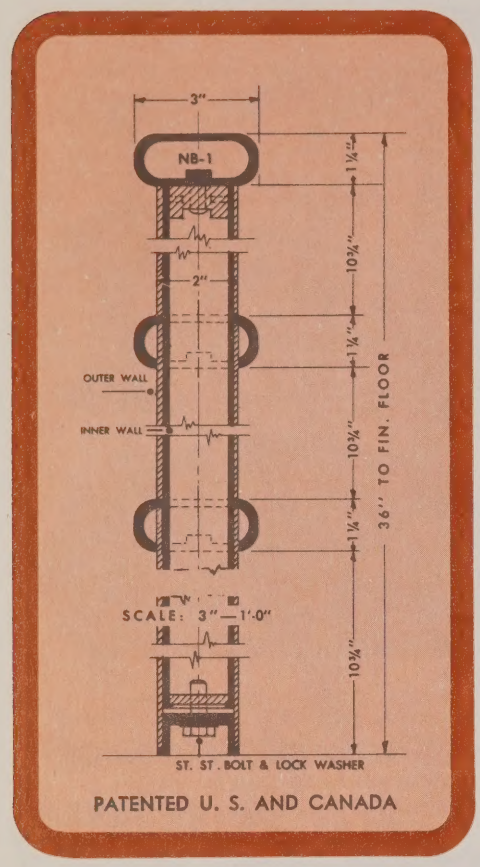


NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

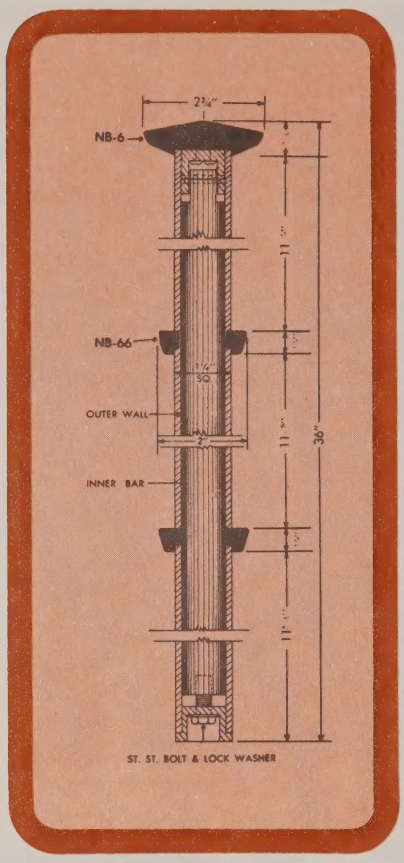
sections

SHOWING TYPICAL ECONO-RAIL CONSTRUCTION

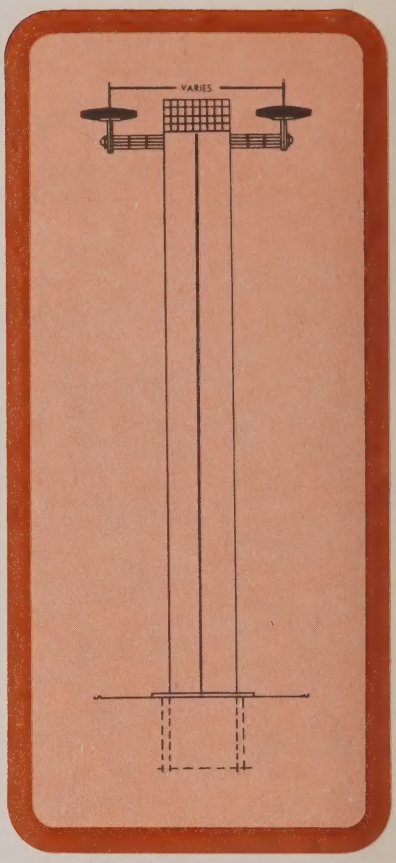
PATENTED U.S. & CANADA



POST 20-17-15

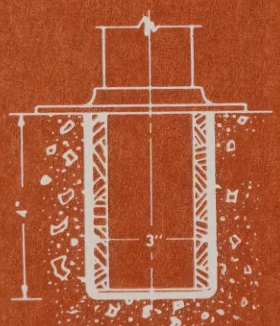


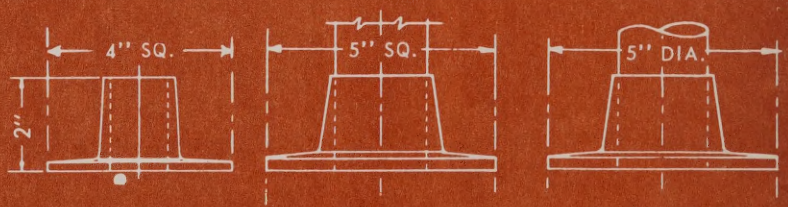
POST 12



POST 31

post fittings





FL-12
USE WITH POST 12 OR 120 ONLY

FL-25
USE WITH POST 25 ONLY

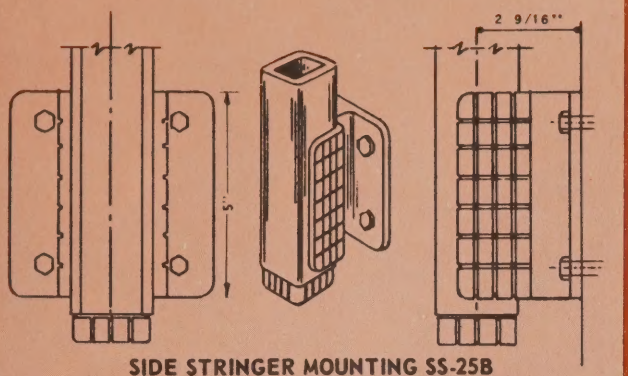
FL-15, 17, 20
USE WITH POST 15, 17 OR 20

SLEEVE & COVER PLATE
ALL COVER PLATES SIMILAR WITH PART NUMBER DESIGNATION THE SAME AS CORRESPONDING POST NUMBER

FLOOR FLANGES... FASTENING WITH WOOD SCREWS, EXPANSION BOLTS OR TO SUIT CONDITIONS.

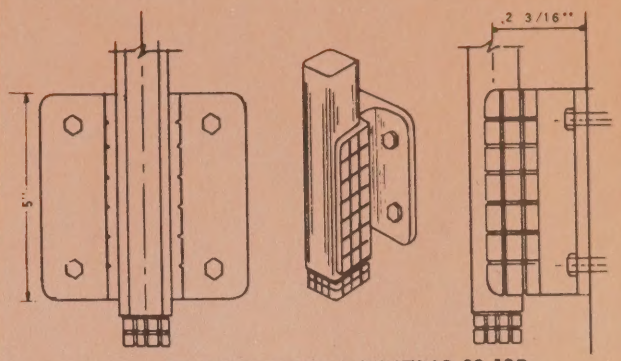
NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

post brackets



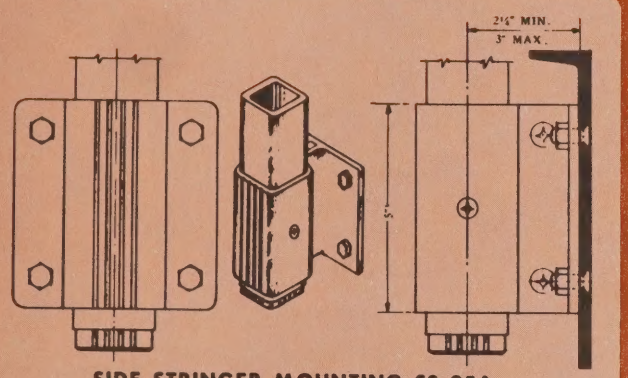
SIDE STRINGER MOUNTING SS-25B

USE WITH POST 25 ONLY



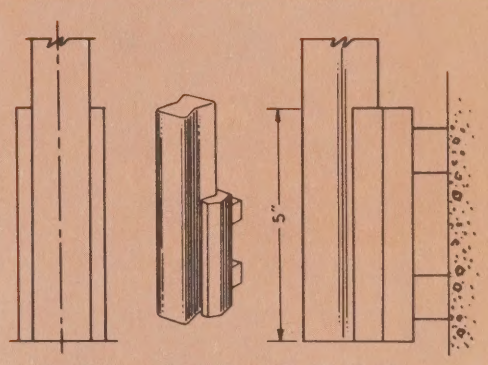
SIDE STRINGER MOUNTING SS-12B

USE WITH POST 12, 120 OR 120W



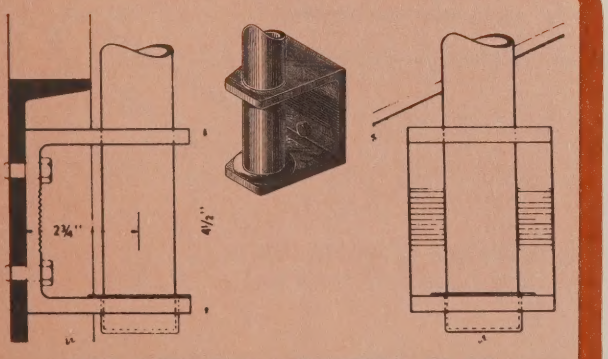
SIDE STRINGER MOUNTING SS-25A

USE WITH POST-25



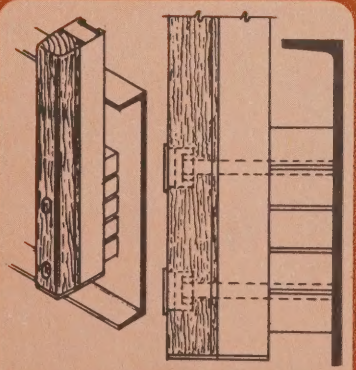
SIDE STRINGER MOUNTING SS-33

USE WITH POST 33 ONLY



SIDE STRINGER MOUNTING SS-17

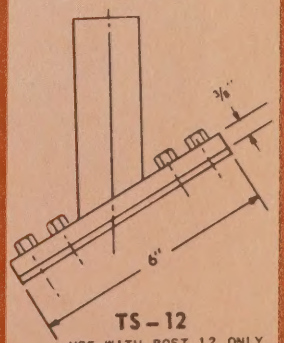
USE WITH POST 15, 17 OR 155



SIDE STRINGER MOUNTING SS-120

USE WITH POST 120, 120W, 21 OR 33

TOP STRINGER MOUNTING



TS-12

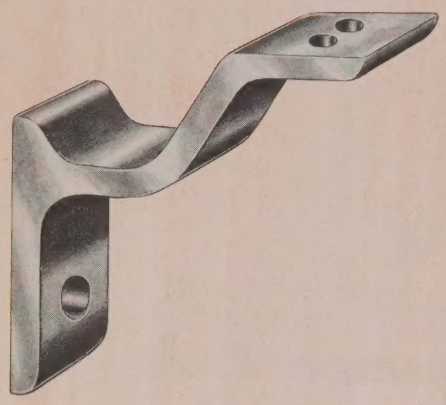
USE WITH POST 12 ONLY

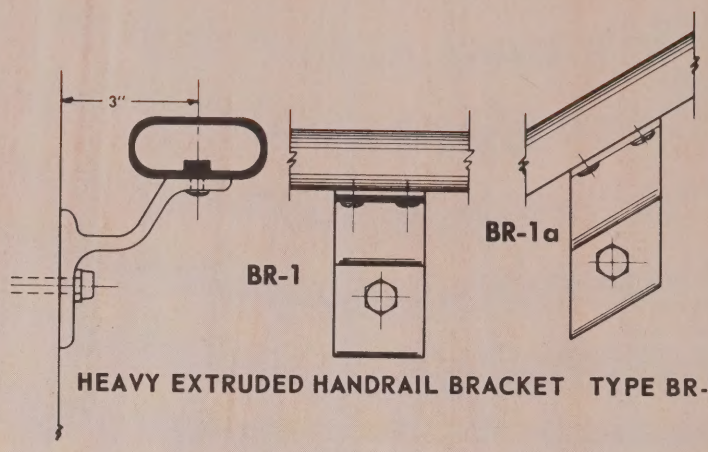
TS-15

USE WITH POST 15 ONLY

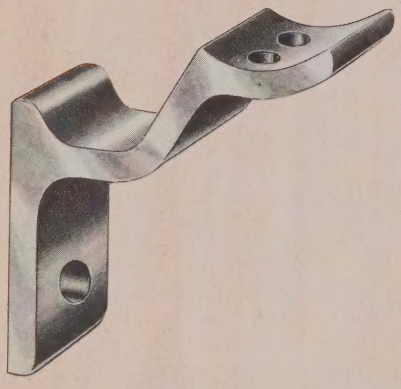
NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

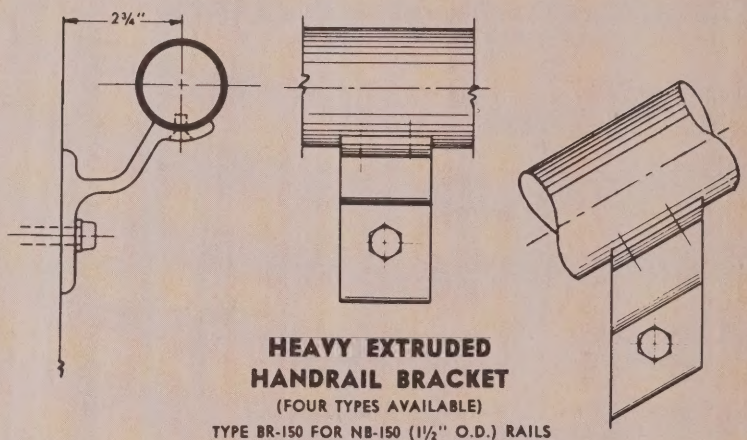
hand rail fittings





HEAVY EXTRUDED HANDRAIL BRACKET TYPE BR-1

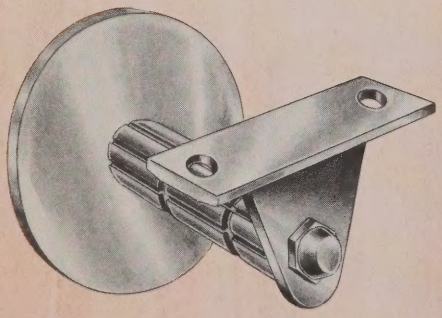


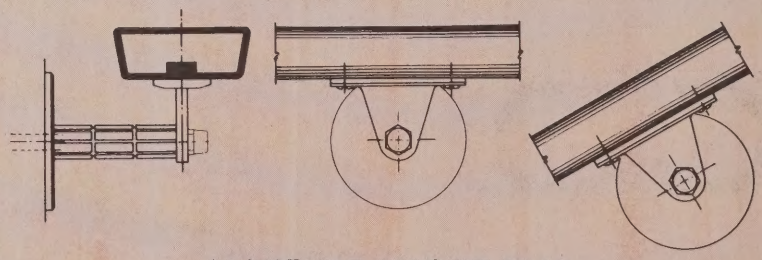


HEAVY EXTRUDED HANDRAIL BRACKET

(FOUR TYPES AVAILABLE)

TYPE BR-150 FOR NB-150 (1½" O.D.) RAILS
TYPE BR-175 FOR NB-175 (1¾" O.D.) RAILS
TYPE BR-4 FOR NB-4 (2" O.D.) RAILS
TYPE BR-3 FOR NB-3 (2½" O.D.) RAILS





ADJUSTABLE BRACKET BR-12

CAN ALSO BE USED WITH ROUND RAILS

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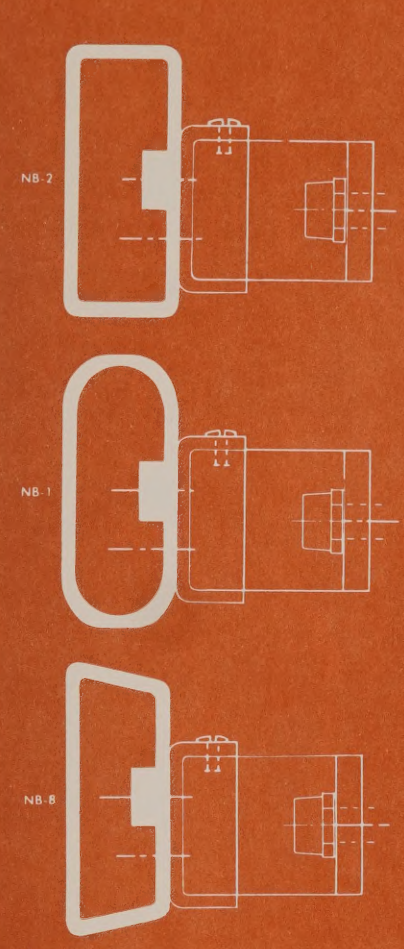
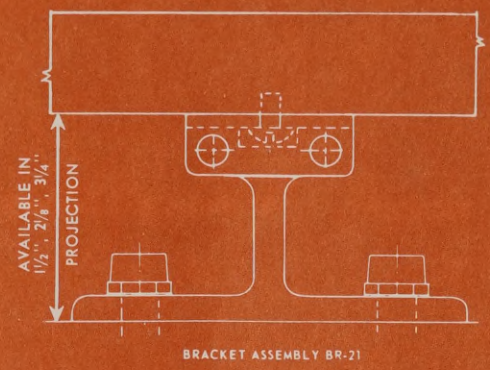
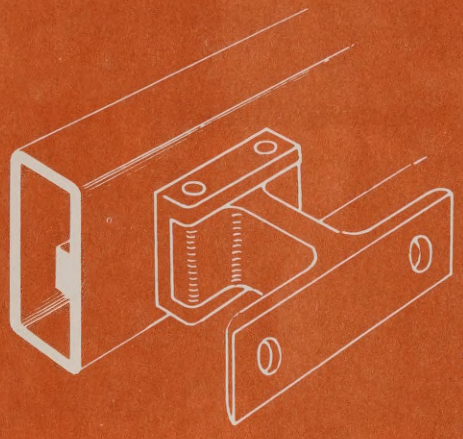
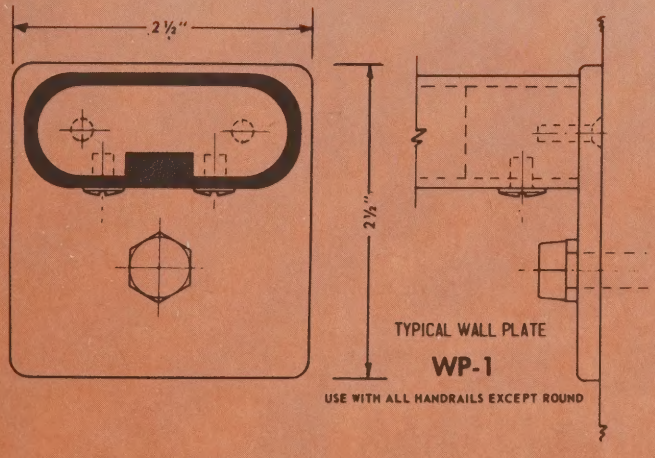


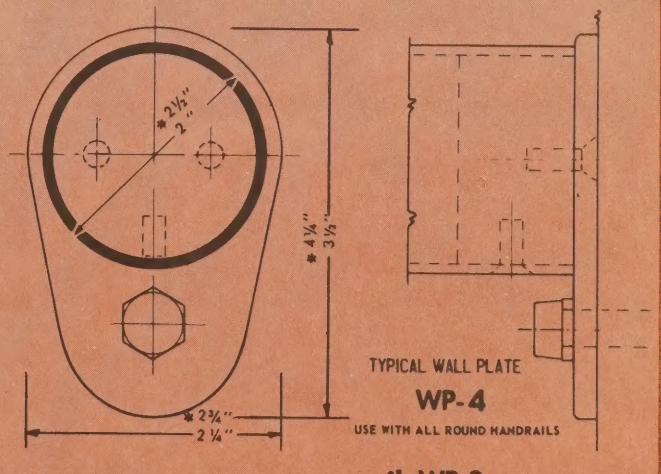




HOSPITAL CORRIDOR RAILS

Econo-Rails in hospital halls have proved their value in saving nursing time previously required by patients who are being encouraged to ambulate. Econo-Rails also solve the problem of preventing wheeled equipment from marring the walls.





* WP-3

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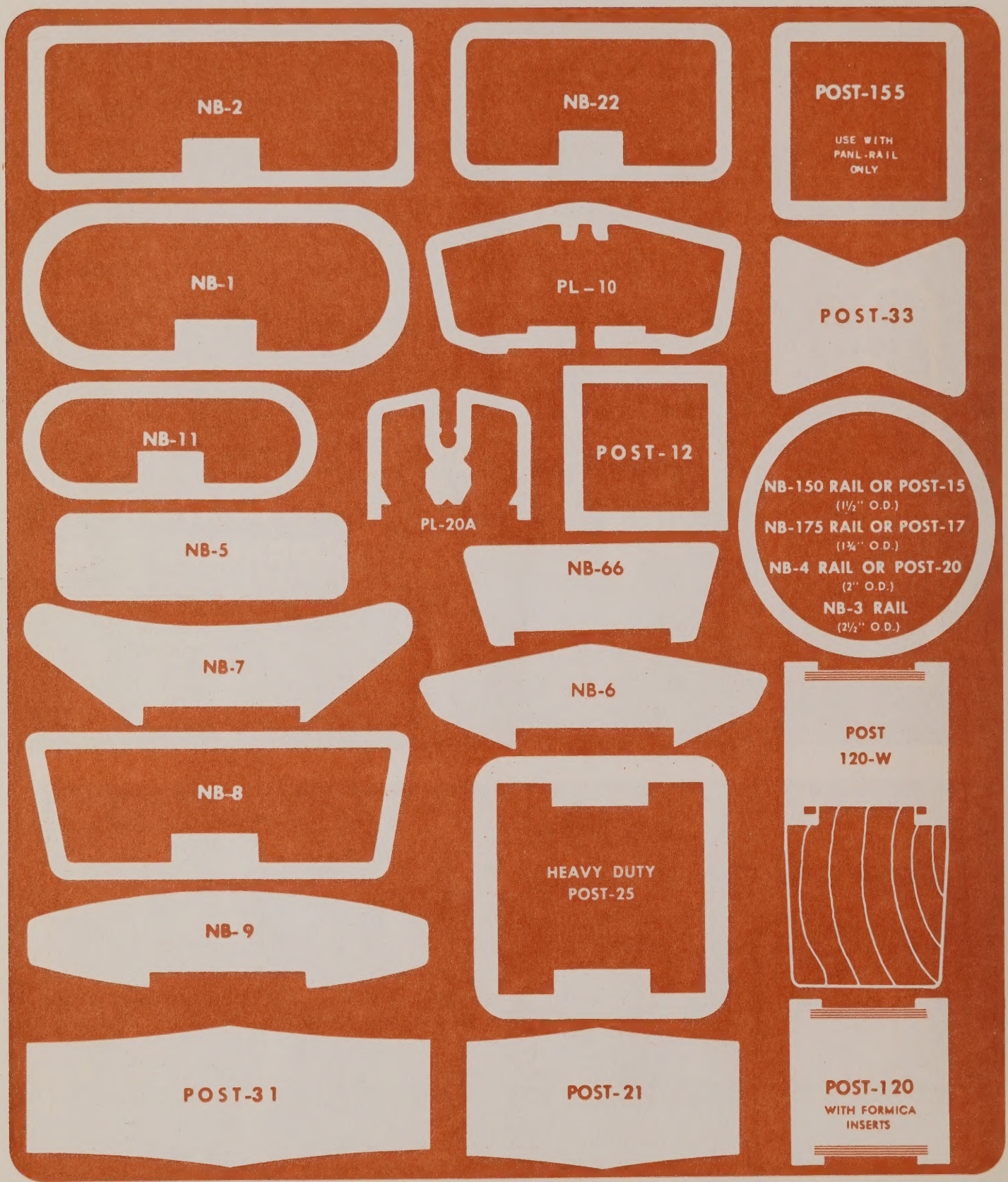
full size sections



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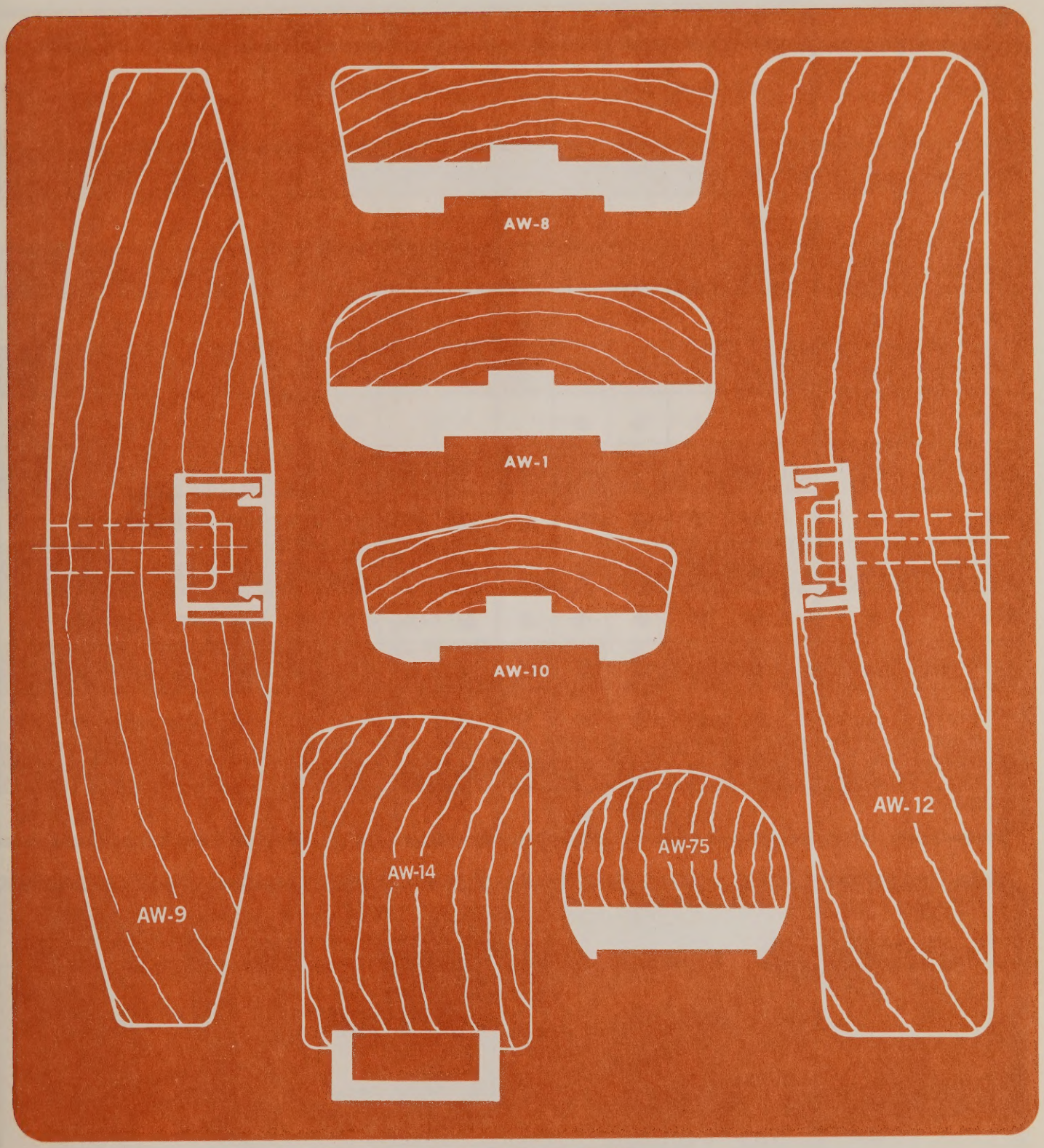


ALUMA-WOOD®

HANDRAIL DESIGNS

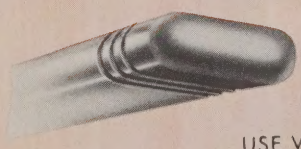
COMBINATIONS OF EXTRUDED ALUMINUM
BONDED TO LIGHT, MEDIUM OR DARK FRUITWOOD

NB NEWMAN BROTHERS INC., CENTER HILL AVE., CINN., OHIO 45216

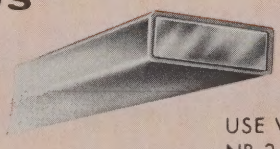
OPTIONAL HANDRAILS

	NB 1	NB 11	NB 5	NB 7	NB 6	NB 66	NB 8	NB 22	NB 2	NB 9	NB 150	NB 175	NB 4	NB 3	PL 10	PL 20
POST-120	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-15		●	●					●				●	●			
POST-17	●		●				●	●	●				●	●		
POST-20	●						●		●					●		
POST-25	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-12				●	●	●				●						
POST-155	●		●				●		●						●	●
POST-33	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-31	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-21	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-114	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
POST-120-W	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
RIBBON BAL.	●	●	●	●	●	●	●	●	●	●						
DECOR-RAIL				●	●	●				●						

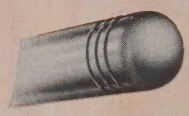
RAIL ENDS



RE-1b
USE WITH RAILS NB-1 OR NB-11



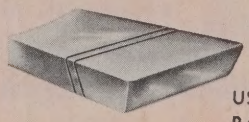
RE-2
USE WITH RAILS NB-2 OR NB-22



RE-4b
USE WITH RAILS NB-3, NB-4, NB-175 OR NB-150

RE-7
USE WITH RAIL NB-7

RE-6
USE WITH RAIL NB-6

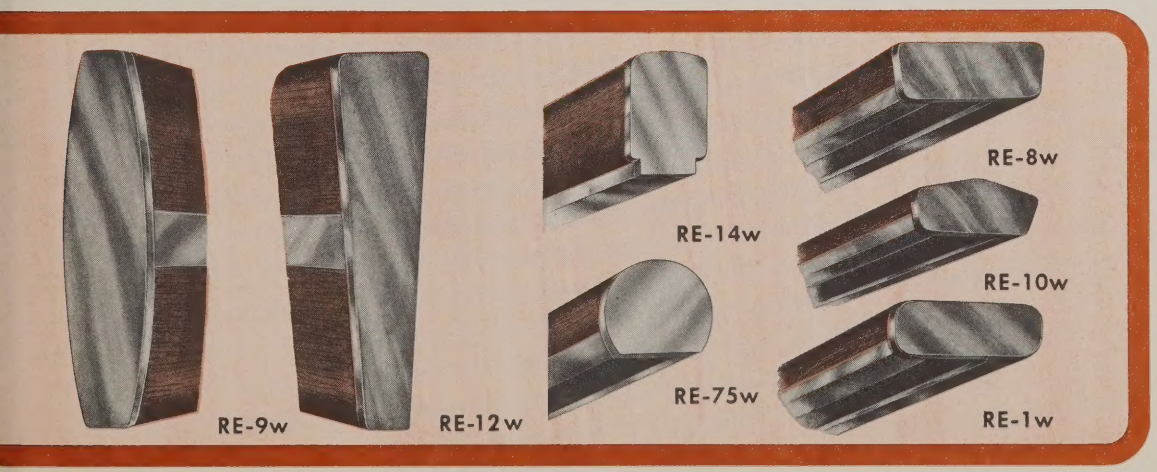


RE-8
USE WITH RAIL NB-8

RE-9
USE WITH RAIL NB-9

COMPONENT SELECTION GUIDE

AW 1	AW 8	AW 10	AW 12	AW 9	AW 14	AW 75	OPTIONAL FITTINGS SEE PAGE 9	TOP STRINGER MOUNT	SLEEVE & COVER PLT.	FLANGE
●	●	●	●	●	●	●	SS-120	TS-12	CP-12	FL-12
							SS-17	TS-15	CP-15	FL-15
							SS-17	—	CP-17	FL-17
							SS-17	—	CP-20	FL-20
●	●	●	●	●	●	●	SS-25a, OR SS-25b	—	CP-25	FL-25
●	●	●					SS-120	TS-12	CP-12	FL-12
							BOLTS, OR SS-120	—	CP-155	FL-155
●	●	●	●	●	●	●	SS-33, OR SS-120	—	CP-33	FL-33
●	●	●	●	●	●	●	—	—	CP-31	FL-31
●	●	●	●	●	●	●	SS-120	—	CP-21	FL-21
●	●	●	●	●	●	●	SS-114	—	CP-114	—
●	●	●	●	●	●	●	SS-120	—	CP-120	—
●	●	●			●	●	—	BOLTS	CP-12	FL-12
●	●	●					—	—	CP-12	FL-12



AVERY CLASSICS
43
42
69
AVERY

strength...versatility...economy

ALL THESE ARE AVAILABLE WITH NEWMAN RAILS. A COMPLETE LINE, FOR ANY BUILDING OR CONDITION

ECONO-RAILS with patented double wall construction combines all of the requisite qualities of strength with substantial savings over old style railings because welding at the post connections is completely eliminated. PANL-RAILS offer a unique system of construction resulting in an aluminum rail of surprisingly low cost.

OVER 85 YEARS EXPERIENCE IN FABRICATING AND FURNISHING FIRST QUALITY ALUMINUM STAIR RAILINGS

SUGGESTED SPECIFICATIONS

All tubular railing to be as manufactured by Newman Brothers, Inc., Cincinnati, Ohio of ECONO-RAIL double-wall construction or PANL-RAIL construction. Railings shall be made of heavy wall extruded aluminum alloy #6063-ST5. All fittings to be non-ferrous metal. Joints between vertical and horizontal members shall be accurately machined to be sharp and true and free from discolorations. Finish shall be brushed-satin and waxed (for interior railings) or brushed-satin anodized 201-K (for exterior railings). Railings shall be completely factory-assembled and pre-finished, with all necessary fastenings, ready to erect. Aluma-Wood to be given a lacquered and hand rubbed satin-waxed factory finish.

NEWMAN RAILS ARE SHIPPED TO JOB SITES ALL OVER THE WORLD . . . . COMPLETELY PREFINISHED AND ASSEMBLED AND READY TO BE INSTALLED. COMPONENT PARTS ARE NOT SOLD SEPARATELY, THUS ELIMINATING THE POSSIBILITY OF RAILINGS BEING FABRICATED BY INEXPERIENCED HANDS!

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